

XP-002083725

1/1 - (C) WPI / DERWENT
AN - 94-196986 624! -
AP - JP920284194 921022
PR - JP920284194 921022
TI - Disinfectant for mouth, skin and wounds - contains
calcium phosphate cpd and opt. antimicrobial drug
IW - DISINFECT MOUTH SKIN WOUND CONTAIN CALCIUM PHOSPHATE
COMPOUND OPTION ANTIMICROBIAL DRUG
PA - (ASAO) ASAMI OPTICAL CO LTD
PN - JP6135840 A 940517 DW9424 A61K33/42 004pp
ORD - 1994-05-17
IC - A61K7/16 ; A61K7/50 ; A61K33/42
FS - CPI
DC - B06 D21 E34
AB - J06135840 Disinfectant contains 0.01-5 wt.% Ca
phosphate cpd. with Ca/P mol. ratio of 1.0-0.2. It may
also contain an antimicrobial drug.
- Calcium phosphate cpd. is pref. hydroxyapatite,
tri:calcium phosphate, and/or tetra:calcium phosphate
and is powder, granule or porous granule with average
particle size of 0.01-200 microns and specific surface
area of at least 0.1 m²/g.
- USE/ADVANTAGE - The drug is used for sterilisation of
the mouth and skin. It removes bacteria and virus and
causes no side reactions. It is also used for cleaning
and sterilisation of the lesions of tinea pedis and
skin diseases.
- In an example, porous hydroxyapatite (Ca/P ratio of
1.67. average particle size of 0.55 microns, specific
surface area of 55 m²/g) granule of 5 mg was dissolved
in 2.5 ml of 10 mM tris-HCl isotonic buffer soln. When
the disinfectant soln. was added to 5 ml of influenza
floating soln. (titre, 128 as tested by
haemagglutination method), the supernatant showed zero
titre. (Dwg. 0/0)